

<b>NWS CHANGE FORM PART A</b>				1. DATE SUBMITTED 28Jul00 Received 8/4/00	
This form is in three parts. Submitters must complete unshaded blocks in Part A and as much of Part B as possible. WSH will complete Part C (implementation details). If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).					
2. ORIGINATOR OFFICE  NWS W/APO		3. SUBMITTING AUTHORITY Name: Ward Seguin Routing Code: W/APO1		4. COGNIZANT TECHNICAL INDIVIDUAL Name: Walter T Scott Routing Code: W/APO/SE Phone: (301) 713-1570 x 146	
5. ORIGINATOR TRACKING NUMBER  RC_APO00081					
6. SYSTEMS AFFECTED BY CHANGE  <input type="checkbox"/> DATA PRODUCTS (Complete Data Products Supplement)  <input type="checkbox"/> ASOS <input checked="" type="checkbox"/> AWIPS <input type="checkbox"/> CRS <input type="checkbox"/> NEXRAD <input type="checkbox"/> OTHER (specify) _____				7. WSH TRACKING NUMBER  <b>NWS 621</b> Rev A. 8/17/00	
8. TITLE OF CHANGE CONUS WFO Data Server Mass Storage Upgrade					
9. TYPE OF CHANGE  <input checked="" type="checkbox"/> HARDWARE <input type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY				10. SITES AFFECTED (Attach Part B, Page 2, if needed)  See Attached <b>List of Sites</b>	
11. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM (Include problem report reference numbers.)  All CONUS Weather Forecast Offices (WFOs, <b>and RHQs</b> ) will require additional disk space for Build 5.0.					
12. KNOWN OR PROPOSED SOLUTION (Include source and description of new features or data products.)  Add 2 -18GB Hard disk drives to the Mass Storage Unit of DS1 and DS2 <b>to all CONUS Sites and Puerto Rico.</b> <b>Alaska and Pacific Region sites storage was upgraded via separate RC - NWS 581.</b>					
13. ALTERNATE SOLUTIONS  N/A					
14. REQUIRED CHANGE DATE 12/15/00		15. RATIONALE FOR REQUIRED CHANGE DATE (Include proposed priority, if known.) This change must precede the deployment and implementation of the Build 5.0 Software load.			
<b>CCB/PMC/CMB DECISION</b>					
16. DECISION AUTHORITY LEVEL		<input checked="" type="checkbox"/> CCB LEVEL ONLY <input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED			
17. CCB LEVEL DECISION		<input checked="" type="checkbox"/> APPROVED			
		<input type="checkbox"/> RECOMMEND APPROVAL			
		<input type="checkbox"/> DISAPPROVED			
<b>FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED</b>					
18. PMC OR NWS CMB DECISION		<input type="checkbox"/> APPROVED			
		<input type="checkbox"/> DISAPPROVED			

<b>NWS CHANGE FORM</b> <b>PART B</b>		1. ORIGINATOR TRACKING NUMBER RC_APO00081	
All RC/ECP submissions must also address the following information. Indicate if any areas are unknown or do not apply. State why information is unknown and when it will be available. Attach extra pages if necessary, referencing each applicable subject.		2. WSH TRACKING NUMBER NWS 621	
<b>FUNDING INFORMATION</b>			
Estimate costs and indicate known sources of funding. (Include travel time, installation time, administrative time, and software development time when applicable.)		3. SOURCE OF FUNDING	4. TOTAL COST \$ * * * *
5. DEVELOPMENT COSTS (Estimate development costs)			AMOUNT \$ * * * *
6. OPERATIONAL TEST AND EVALUATION COSTS (Estimate test and evaluation costs)			AMOUNT -0-
7. PRODUCTION COSTS (Include acquisition, kit proofing, spares, delivery, and documentation costs) Purchase, Installation and Checkout cost of hardware.		Contract Mod	AMOUNT * * * *
8. COMMUNICATIONS SERVICE/CIRCUITS COSTS (Include installation and recurring costs)			AMOUNT -0-
9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs)			AMOUNT TBD
9A. LIFE CYCLE SUPPORT COSTS (Less communications service/circuits) Increased Maintenance Costs Disk Maintenance Cost			AMOUNT * * * *
<b>SUPPORTING INFORMATION AND SCHEDULES</b> Provide detailed information needed to implement the requested change.			
10. DEVELOPMENT STATUS/SCHEDULE (Major milestones such as Start, Beta Test, and OT&E) NA		11. PRODUCTION STATUS/SCHEDULE (Major milestones such as Solicitation, Contract Start Date, Delivery Date, Kit Proofing, etc.) NA	
12. IMPLEMENTATION/RETROFIT SCHEDULE NA		13. FACILITY INFORMATION (Attach facility drawings/plans.)	
14. COMMUNICATIONS INSTALLED (Type required, who will order, and associated hardware required; attach Part B, Page 2, if needed.) NA		15. COMMUNICATIONS SERVICE/CIRCUITS TO BE REMOVED None	
16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES (Include person or organization responsible for obtaining each) NA		17. COORDINATION OF CHANGE WITH OTHER CHANGES	
18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED (Include part, serial, and document numbers.		19. STAFF RESOURCE IMPACTS (Skills and workload impact on maintainers, operators, and managers.) None	
20. LOGISTICS IMPACTS (Include facilities, maintenance, training, and support equipment impacts.) TBD		21. OPERATIONAL IMPACTS (Include continuity and back up needs and plans.) The site will be required to operate in WFO Backup Mode while each Mass Storage disk is installed. The NCF will run a script to partition the newly installed disk.	
22. ADDITIONAL MAJOR CHANGE ACTIVITIES (Include who will accomplish each of them and staff hours required.) TBD			

NWS CHANGE FORM PART B - PHYSICAL ITEM AND DOCUMENT IMPACT MATRIX SUPPLEMENT						1. ORIGINATOR TRACKING NUMBER RC_APO00081			
This information is required prior to publication of Engineering Modification Notes and Software Release Notes. List physical items to be replaced and specify any changes in related documentation. (Submitters should complete this information, if known. WSH will assist.)						2. WSH TRACKING NUMBER NWS 621			
3. ITEM NAME, CIRCUIT TYPE, SOFTWARE VERSION, OR SITE LOCATION	4. REMOVE REPLACE MODIFY	5. SUPERSEDED ITEM OR CONFIGURATION		6. SUPERSEDING PART NUMBER OR NEW CONFIGURATION	7. DOC TYPE	8. SUPERSEDED DOCUMENT		9. SUPERSEDING DOCUMENT	
		A. PART NUMBER OR CONFIGURATION	B. SERIAL NUMBER(S) OR COMMENTS			A. IDENTIFIER	B. REV	A. IDENTIFIER	B. REV
TBD						TBD			



Site Listing  
for NWS 621

<u>PID</u>	<u>Type</u>	<u>Site Name</u>	<u>City</u>	<u>Rg</u>	<u>St</u>	<u>LnNo</u>
<b>Operational WFOs</b>						
ABR	WFO	ABERDEEN, SD	Aberdeen	CR	SD	134
ALY	WFO	ALBANY, NY	Albany	ER	NY	120
ABQ	WFO	ALBUQUERQUE, NM	Albuquerque	SR	NM	82
AMA	WFO	AMARILLO, TX	Amarillo	SR	TX	37
FFC	WFO-C	ATLANTA, GA	Atlanta	SR	GA	33
EWX	WFO	AUSTIN/SAN ANTONIO, TX	New Braunfels	SR	TX	48
LWX	WFO	BALTIMORE, MD/WASHINGTON, DC	Sterling	ER	VA	92
BYZ	WFO	BILLINGS, MT	Billings	WR	MT	131
BGM	WFO	BINGHAMTON, NY	Binghamton	ER	NY	121
BMX	WFO	BIRMINGHAM, AL	Alabaster	SR	AL	116
BIS	WFO	BISMARCK, ND	Bismarck	CR	ND	8
BOI	WFO	BOISE, ID	Boise	WR	ID	22
BOX	WFO-C	BOSTON, MA	Taunton	ER	MA	DEV
BRO	WFO	BROWNSVILLE, TX	Brownsville	SR	TX	49
BUF	WFO	BUFFALO, NY	Cheektowaga	ER	NY	122
BTV	WFO	BURLINGTON, VT	Burlington	ER	VT	123
CAR	WFO	CARIBOU, ME	Caribou	ER	ME	139
ILX	WFO	CENTRAL ILLINOIS, IL	Lincoln	CR	IL	66
CTP	WFO-C	CENTRAL PENNSYLVANIA, PA	State College	ER	PA	15
CHS	WFO	CHARLESTON, SC	Charleston	ER	SC	106
RLX	WFO	CHARLESTON, WV	Ruthdale	ER	WV	53
CYS	WFO	CHEYENNE, WY	Cheyenne	CR	WY	125
LOT	WFO	CHICAGO, IL	Romeoville	CR	IL	67
ILN	WFO-C	CINCINNATI, OH	Wilmington	ER	OH	25
CLE	WFO	CLEVELAND, OH	Cleveland	ER	OH	26
CAE	WFO	COLUMBIA, SC	Columbia	ER	SC	107
CRP	WFO	CORPUS CHRISTI, TX	Corpus Christi	SR	TX	47
FWD	WFO-C	DALLAS/FORT WORTH, TX	Fort Worth	SR	TX	11
BOU	WFOA	DENVER/BOULDER, CO	Boulder	CR	CO	
DMX	WFO	DES MOINES, IA	Johnston	CR	IA	99

DTX	WFO	DETROIT, MI	White Lake	CR	MI	43
DDC	WFO	DODGE CITY, KS	Dodge City	CR	KS	DEV
DLH	WFO	DULUTH, MN	Duluth	CR	MN	7
FGF	WFO	EASTERN NORTH DAKOTA, ND	Grand Forks	CR	ND	135
EPZ	WFO	EL PASO, TX	Santa Teresa	SR	NM	70
LKN	WFO	ELKO, NV	Elko	WR	NV	124
EKA	WFO	EUREKA, CA	Eureka	WR	CA	96
FGZ	WFO	FLAGSTAFF, AZ	Bellemont	WR	AZ	77
GGW	WFO	GLASGOW, MT	Glasgow	WR	MT	132
GLD	WFO	GOODLAND, KS	Goodland	CR	KS	DEV
GJT	WFO	GRAND JUNCTION, CO	Grand Junction	CR	CO	126
GRR	WFO	GRAND RAPIDS, MI	Grand Rapids	CR	MI	44
TFX	WFO	GREAT FALLS, MT	Great Falls	WR	MT	38
GRB	WFO	GREEN BAY, WI	Ashwaubenon	CR	WI	113
GSP	WFO	GREENVILLE/SPARTANBURG, SC	Greer	ER	SC	108
GID	WFO	HASTINGS, NE	Hastings	CR	NE	9
HGX	WFO	HOUSTON/GALVESTON, TX	Dickinson	SR	TX	31
IND	WFO	INDIANAPOLIS, IN	Indianapolis	CR	IN	27
JKL	WFO	JACKSON, KY	Jackson	CR	KY	28
JAN	WFO	JACKSON, MS	Jackson	SR	MS	117
JAX	WFO	JACKSONVILLE, FL	Jacksonville	SR	FL	129
EAX	WFO-C	KANSAS CITY/PLEASANT HILL, MO	Pleasant Hill	CR	MO	DEV
EYW	WFO	KEY WEST, FL	Key West	SR	FL	140
MRX	WFO	KNOXVILLE/TRI-CITIES, TN	Morristown	SR	TN	102
ARX	WFO	LA CROSSE, WI	La Crosse	CR	WI	114
LCH	WFO	LAKE CHARLES, LA	Lake Charles	SR	LA	84
VEF	WFO	LAS VEGAS, NV	Las Vegas	WR	NV	97
LZK	WFO	LITTLE ROCK, AR	North Little Rock	SR	AR	103
LOX	WFO	LOS ANGELES, CA	Oxnard	WR	CA	110
LMK	WFO	LOUISVILLE, KY	Louisville	CR	KY	29
LUB	WFO	LUBBOCK, TX	Lubbock	SR	TX	71
MQT	WFO	MARQUETTE, MI	Marquette	CR	MI	45
MFR	WFO	MEDFORD, OR	Medford	WR	OR	57
MLB	WFO	MELBOURNE, FL	Melbourne	SR	FL	34

MEG	WFO	MEMPHIS, TN	Memphis/Germantown	SR	TN	104
MFL	WFO	MIAMI, FL	Miami	SR	FL	35
MAF	WFO	MIDLAND/ODESSA, TX	Midland	SR	TX	72
MKX	WFO	MILWAUKEE, WI	Dousman	CR	WI	115
MPX	WFO-C	MINNEAPOLIS, MN	Chanhassen	CR	MN	6
MSO	WFO	MISSOULA, MT	Missoula	WR	MT	39
MOB	WFO	MOBILE, AL	Mobile	SR	AL	118
MHX	WFO	MOREHEAD CITY, NC	Newport	ER	NC	74
OHX	WFO	NASHVILLE, TN	Old Hickory	SR	TN	105
LIX	WFO-C	NEW ORLEANS/BATON ROUGE, LA	Slidell	SR	LA	13
OKX	WFO	NEW YORK CITY, NY	Upton	ER	NY	17
APX	WFO	NORTH CENTRAL LOWER MICHIGAN, MI	Gaylord	CR	MI	46
LBF	WFO	NORTH PLATTE, NE	North Platte	CR	NE	80
IWX	WFO	NORTHERN INDIANA, IN	North Webster	CR	IN	137
OUN	WFO	OKLAHOMA CITY, OK	Norman	SR	OK	4
OAX	WFO	OMAHA, NE	Valley	CR	NE	81
PAH	WFO	PADUCAH, KY	Paducah	CR	KY	30
PDT	WFO	PENDLETON, OR	Pendleton	WR	OR	42
PHI	WFO	PHILADELPHIA, PA	Mount Holly	ER	NJ	16
PSR	WFO	PHOENIX, AZ	Phoenix	WR	AZ	78
PBZ	WFO	PITTSBURGH, PA	Coraopolis	ER	PA	DEV
PIH	WFO	POCATELLO/IDAHO FALLS, ID	Pocatello	WR	ID	133
GYX	WFO	PORTLAND, ME	Gray	ER	ME	109
PQR	WFO-C	PORTLAND, OR	Portland	WR	OR	21
PUB	WFO	PUEBLO, CO	Pueblo	CR	CO	127
DVN	WFO	QUAD CITIES, IA	Davenport	CR	IA	100
RAH	WFO	RALEIGH/DURHAM, NC	Raleigh	ER	NC	75
UNR	WFO	RAPID CITY, SD	Rapid City	CR	SD	136
REV	WFO	RENO, NV	Reno	WR	NV	98
RIW	WFO	RIVERTON, WY	Riverton	CR	WY	128
RNK	WFO	ROANOKE, VA	Blacksburg	ER	VA	94
STO	WFO-C	SACRAMENTO, CA	Sacramento	WR	CA	55
SLC	WFO-C	SALT LAKE CITY, UT	Salt Lake City	WR	UT	DEV

	SJT	WFO	SAN ANGELO, TX	San Angelo	SR	TX	73
	SGX	WFO	SAN DIEGO, CA	San Diego	WR	CA	111
	MTR	WFO	SAN FRANCISCO BAY AREA, CA	Monterey	WR	CA	56
	HNX	WFO	SAN JOAQUIN VALLEY, CA	Hanford	WR	CA	112
	SJU	WFO	SAN JUAN, PR	San Juan	PR	PR	83
	SEW	WFO	SEATTLE/TACOMA, WA	Stanwood	WR	WA	40
	SHV	WFO	SHREVEPORT, LA	Shreveport	SR	LA	85
	FSD	WFO	SIOUX FALLS, SD	Sioux Falls	CR	SD	101
	OTX	WFO	SPOKANE, WA	Spokane	WR	WA	41
	SGF	WFO	SPRINGFIELD, MO	Springfield	CR	MO	68
	LSX	WFO	ST. LOUIS, MO	St Charles	CR	MO	69
	TAE	WFO	TALLAHASSEE, FL	Tallahassee	SR	FL	130
	TBW	WFO	TAMPA BAY AREA, FL	Ruskin	SR	FL	119
	TOP	WFO	TOPEKA, KS	Topeka	CR	KS	DEV
	TWC	WFO	TUCSON, AZ	Tucson	WR	AZ	79
	TSA	WFO-C	TULSA, OK	Tulsa	SR	OK	DEV
	AKQ	WFO	WAKEFIELD, VA	Wakefield	ER	VA	95
	ICT	WFO	WICHITA, KS	Wichita	CR	KS	DEV
	ILM	WFO	WILMINGTON, NC	Wilmington	ER	NC	76
<b>Regional Headquarters</b>	BCQ	WFO	Central Region Headquarters	Kansas City	CR	MO	3
	VUY	WFO	Eastern Region Headquarters	Bohemia	ER	NY	18
	EHU	WFO	Southern Region Headquarters	Fort Worth	SR	TX	23
	VHW	WFO	Western Region Headquarters	Salt Lake City	WR	UT	19
<b>Training Center</b>	NTCB	WFO-C	NWS Training Center 1 WFO	Kansas City	CR	MO	DEV
	NTCD	WFO-C	NWS Training Center 2 WFO	Kansas City	CR	MO	1b
<b>National Centers</b>	WNAW	WFO-C	Aviation Weather Center (AWC)	Kansas City	NC	MO	88
	WNOW	WFO-C	NOAA Science Center (NSC)	Camp Springs	NC	MD	DEV
	SPCW	WFO-C	Storm Prediction Center (SPC)	Norman	NC	OK	90
	NHCW	WFO-C	Tropical Prediction Center (NHC)	Miami	NC	FL	86
	SFMG	WFO	Spaceflight Meteorology Group (SMG)	Houston	NC	TX	141



Headquarters/Other	COMT	WFO	COMET, BOULDER, CO	Boulder	WR	CO	52
	OSFW	WFO	NEXRAD Operational Support Facility	Norman	SR	OK	138
	NHOW	WFO-C	NWS Headquarters Operations	Silver Spring	ER	MD	50
	NMTW	WFO-C	NWS Modernization Test & Integration	Silver Spring	ER	MD	DEV
	WNCF	WNCF	NCF WFO	Silver Spring	ER	MD	DEV
	NHDA	WFO-A	NWS Headquarters Development	Silver Spring	ER	MD	DEV
PRC Test Beds							
	TBDW	WFO-C	Test Bed 2	McLean	ER	VA	DEV
Total Sites			134				